

ABSTRACT

In a resistance type sensor of the present invention, a sensor unit having variable contact resistances and a wakeup switch formed in two layers is produced by folding a FPC forming thereon pressure-sensitive resistive inks, a displacement electrode connected to ground, and a displacement electrode held at a power-supply voltage V_{cc} . Accordingly, whenever operation is applied to an operating button, the displacement electrode and the displacement electrode are reliably contacted with each other, first, and, then, resistance values of the variable contact resistances are changed while the displacement electrodes are kept in their contacted state. This enables the operation applied to the operating button to be detected reliably.